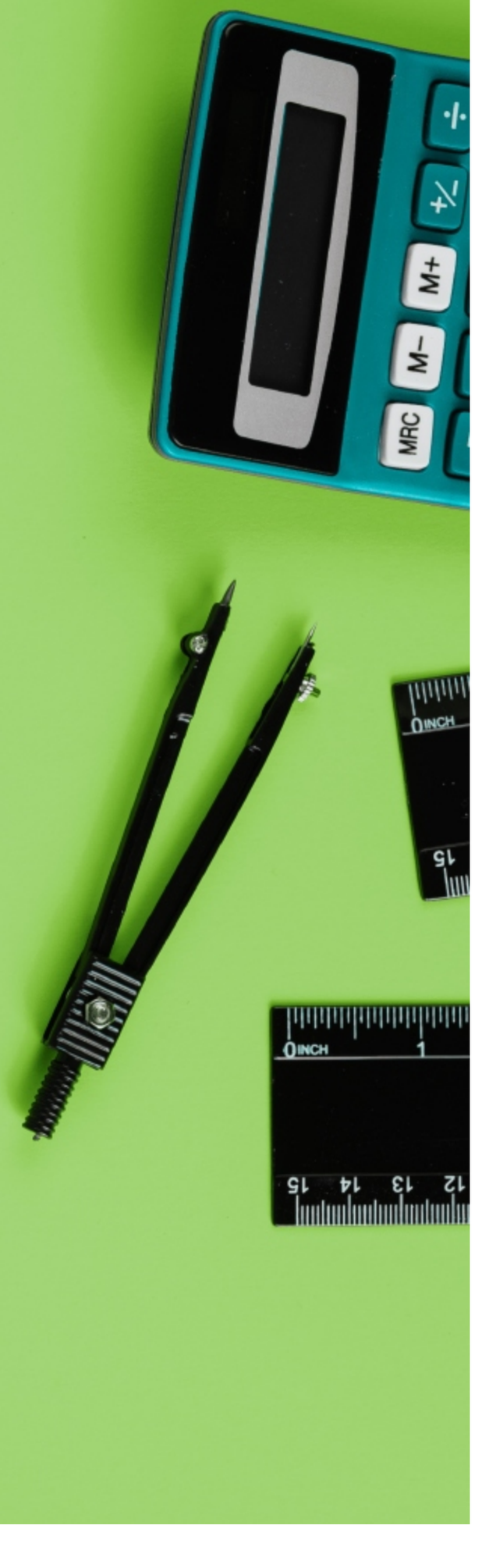
RD Sharma Solutions

Class 7

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OBJECTIVE TYPE QUESTIONS

Mark the correct alternative in each of the following:

1. If a fraction $\frac{a}{b}$ is a lowest terms, then HCF of a and b is

   (a) a (b) b (c) 1 (d) ab

2. The fraction $\frac{84}{98}$ in its lowest terms is

   (a) $\frac{42}{49}$ (b) $\frac{12}{14}$ (c) $\frac{6}{7}$ (d) $\frac{3}{7}$

3. Which of the following is a vulgar fraction?

   (a) $\frac{7}{10}$ (b) $\frac{13}{1000}$ (c) $2\frac{9}{10}$ (d) $\frac{7}{9}$

4. Which of the following fraction is an irreducible (or in its lowest terms)?

   (a) $\frac{91}{104}$ (b) $\frac{105}{112}$ (c) $\frac{51}{85}$ (d) $\frac{43}{83}$

5. Which of the following is a proper fraction?

   (a) $\frac{13}{17}$ (b) $\frac{17}{13}$ (c) $\frac{12}{5}$ (d) $1\frac{3}{4}$

6. The reciprocal of the fraction $2\frac{3}{5}$ is

   (a) $2\frac{5}{3}$ (b) $\frac{13}{5}$ (c) $\frac{5}{13}$ (d) $2\frac{2}{5}$

7. $4\frac{1}{3} - 2\frac{1}{3} =$

   (a) $2\frac{1}{3}$ (b) 2 (c) $3\frac{1}{3}$ (d) $\frac{1}{2}$

8. $2\frac{3}{5} \div \frac{5}{7} =$

   (a) $\frac{13}{7}$ (b) $\frac{13}{25}$ (c) $\frac{91}{25}$ (d) $\frac{25}{91}$

9. By what number should $1\frac{3}{4}$ be divided to get $2\frac{1}{2}$?

   (a) $\frac{3}{7}$ (b) $1\frac{2}{5}$ (c) $\frac{7}{10}$ (d) $1\frac{3}{7}$

10. By what number $4\frac{3}{5}$ be multiplied to get $2\frac{3}{7}$?

    (a) $\frac{391}{35}$ (b) $\frac{85}{91}$ (c) $\frac{91}{85}$ (d) None of these

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11. $\left(5\frac{1}{4}-3\frac{1}{3}\right)=$

(a) $\frac{12}{23}$ (b) 2 (c) $1\frac{11}{12}$ (d) $\frac{11}{12}$

12. The fraction equivalent to $1\frac{2}{3}$ is

(a) $\frac{10}{3}$ (b) $\frac{3}{5}$ (c) $\frac{10}{6}$ (d) $\frac{6}{10}$

13. By what number $9\frac{4}{5}$ be multiplied to get 42?

(a) $\frac{30}{7}$ (b) $\frac{7}{30}$ (c) $4\frac{1}{7}$ (d) $4\frac{3}{7}$

14. Which of the following statements is true?

(a) $\frac{7}{12}<\frac{4}{21}$ (b) $\frac{7}{12}=\frac{4}{21}$ (c) $\frac{7}{12}>\frac{4}{21}$ (d) None of these

15. Which one of the following is the correct statement?

(a) $\frac{3}{4}<\frac{2}{3}<\frac{12}{15}$ (b) $\frac{2}{3}<\frac{3}{4}<\frac{12}{15}$ (c) $\frac{2}{3}<\frac{12}{15}<\frac{3}{4}$ (d) $\frac{12}{15}<\frac{2}{3}<\frac{3}{4}$

16. Which of the following fractions lies between $\frac{2}{3}$ and $\frac{5}{7}$?

(a) $\frac{3}{4}$ (b) $\frac{4}{5}$ (c) $\frac{5}{6}$ (d) None of these

17. Which one of the following is true?

(a) $\frac{1}{2}<\frac{9}{13}<\frac{3}{4}<\frac{12}{17}$ (b) $\frac{3}{4}<\frac{9}{13}<\frac{1}{2}<\frac{12}{17}$

(c) $\frac{1}{2}<\frac{3}{4}<\frac{9}{13}<\frac{12}{17}$ (d) $\frac{1}{2}<\frac{9}{13}<\frac{12}{17}<\frac{3}{4}$

18. The smallest of the fractions $\frac{2}{3},\frac{4}{7},\frac{8}{11}$ and $\frac{5}{9}$ is

(a) $\frac{2}{3}$ (b) $\frac{4}{7}$ (c) $\frac{8}{11}$ (d) $\frac{5}{9}$

19. $9\times\left(-\frac{1}{3}\right)\times(-3)\times\left(-\frac{1}{9}\right)=$

(a) 1 (b) −1 (c) −3 (d) 3

20. Which of the following is correct?

(a) $\frac{2}{3}<\frac{3}{5}<\frac{11}{15}$ (b) $\frac{3}{5}<\frac{2}{3}<\frac{11}{15}$ (c) $\frac{11}{15}<\frac{3}{5}<\frac{2}{3}$ (d) $\frac{3}{5}<\frac{11}{15}<\frac{2}{3}$

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21. Which is the smallest of the following fractions?

(a) $\frac{4}{9}$ (b) $\frac{2}{5}$ (c) $\frac{3}{7}$ (d) $\frac{1}{4}$

22. The difference between the greatest and the least fractions out of $\frac{6}{7}, \frac{7}{8}, \frac{8}{9}$ and $\frac{9}{10}$ is

(a) $\frac{3}{10}$ (b) $\frac{1}{56}$ (c) $\frac{1}{40}$ (d) $\frac{1}{72}$

23. Which of the following fractions is greater than $\frac{3}{4}$ and less than $\frac{5}{6}$?

(a) $\frac{2}{3}$ (b) $\frac{1}{2}$ (c) $\frac{4}{5}$ (d) $\frac{9}{10}$

24. Which of the following fractions is more than one-third?

(a) $\frac{23}{70}$ (b) $\frac{205}{819}$ (c) $\frac{26}{75}$ (d) $\frac{118}{335}$

ANSWERS

1. (c)	2. (c)	3. (d)	4. (d)	5. (a)	6. (c)	7. (b)
8. (c)	9. (c)	10. (b)	11. (c)	12. (c)	13. (a)	14. (c)
15. (b)	16. (d)	17. (d)	18. (d)	19. (b)	20. (b)	21. (d)
22. (a)	23. (c)	24. (c)				

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